



## ATTACHMENT A

(currently amended) A process for preparing supported, titanized chromium catalysts, which comprises the following steps:

A) bringing a support material into contact with a protic medium having a water content less than 20% by weight and comprising a titanium compound and a chromium compound;

B) optionally, removing the protic medium, thereby forming a precatalyst;

C) optionally, calcining the precatalyst obtained after step B); and

D) optionally, activating the precatalyst obtained after step B) or C) in an oxygen-containing atmosphere at from 400°C to 1100°C.

2. (previously presented) The process as claimed in claim 1, wherein the support material is a silica gel.

3. (previously presented) The process as claimed in claim 1, wherein the chromium compound is an inorganic chromium compound.

4. (previously presented) The process as claimed in claim 3, wherein the inorganic chromium compound is chromium(III) nitrate nonahydrate.

5. (currently amended) The process as claimed in claim 1, wherein the titanium compound is titanium

tetraisopropoxide, titanium tetra-n-butoxide or a mixture thereof ~~of these two titanium compounds~~.

6. (previously presented) The process as claimed in claim 1, wherein the protic medium is methanol.

7. (currently amended) A catalyst system obtained by a process comprising:

A) bringing a support material into contact with a protic medium having a water content less than 20% by weight and comprising a titanium compound and a chromium compound;

B) optionally, removing the protic medium, thereby forming a precatalyst;

C) optionally, calcining the precatalyst obtained after step B); and

D) optionally, activating the precatalyst obtained after step B) or C) in an oxygen-containing atmosphere at from 400°C to 1100°C.

8. (currently amended) A process for preparing polyolefins comprising polymerizing or copolymerizing olefins in ~~the~~ presence of a catalyst system obtained by a process comprising:

A) bringing a support material into contact with a protic medium having a water content less than 20% by weight and comprising a titanium compound and a chromium compound;

B) optionally, removing the protic medium, thereby forming a precatalyst;

C) optionally, calcining the precatalyst obtained after step B); and

D) optionally, activating the precatalyst obtained after step B) or C) in an oxygen-containing atmosphere at from 400°C to 1100°C.

9. (currently amended) The process as claimed in claim 8, wherein ethylene or a monomer mixture ~~of at least one of~~ comprising at least 50 mol% of ethylene and at least one C<sub>3</sub>-C<sub>12</sub>-1-alkenes ~~C<sub>3</sub>-C<sub>12</sub>-1-alkene containing at least 50 mol% of~~ ethylene is used for preparing the polyolefins as ~~monomer(s) in the polymerization.~~



## United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

## Assignments on the Web &gt; Patent Query

## Patent Assignment Abstract of Title

**NOTE: Results display only for issued patents and published applications.  
For pending or abandoned applications please consult USPTO staff.**

## Total Assignments: 1

Patent #: NONE

Issue Dt:

Application #: 10538536 Filing Dt: 06/10/2005

Publication #: [US20060063666](#) Pub Dt: 03/23/2006

Inventors: Wolfgang Rohde, Guido Funk, Andreas Haufe, Anke Bold, Neil Nadalin

Title: Supported chromium catalyst and its use for preparing homopolymers and copolymers of ethylene

## Assignment: 1

Reel/Frame: [017329/0001](#)

Recorded: 06/11/2005

Pages: 4

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: [ROHDE, WOLFGANG](#)

Exec Dt: 06/10/2005

[FUNK, GUIDO](#)

Exec Dt: 06/10/2005

[HAUFE, ANDREAS](#)

Exec Dt: 06/10/2005

[BOLD, ANKE \(MAIDEN HELD\)](#)

Exec Dt: 06/10/2005

[NADALIN, NEIL](#)

Exec Dt: 06/10/2005

Assignee: [BASELL POLYOLEFINE GMBH](#)

BRUHLER STRASSE 60

50389 WESSELING, GERMANY

Correspondent: WILLIAM R. REID

BASELL USA INC.

INTELLECTUAL PROPERTY

912 APPLETON ROAD

ELKTON, MD 21921

Search Results as of: 08/03/2006 12:33 PM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.

Web interface last modified: July 26, 2006 v.1.10

[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)



## United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

## Assignments on the Web &gt; Patent Query

## Patent Assignment Abstract of Title

**NOTE: Results display only for issued patents and published applications.  
For pending or abandoned applications please consult USPTO staff.**

## Total Assignments: 1

Patent #: 7019089

Issue Dt: 03/28/2006 Application #: 10332045 Filing Dt: 07/24/2003

Publication #: US20040014914 Pub Dt: 01/22/2004

Inventors: Martin Schneider, Rainer Karer, Dieter Lilge, Volker Rauschenberger et al

Title: SUSPENDED CHROME CATALYST CONTAINING TITANIUM AND THE USE THEREOF FOR  
PRODUCING ETHYLENE HOMOPOLYMERS AND COPOLYMERS

## Assignment: 1

Reel/Frame: 014530/0135

Recorded: 07/24/2003

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: SCHNEIDER, MARTIN

Exec Dt: 05/16/2003

KARER, RAINER

Exec Dt: 05/16/2003

LILGE, DIETER

Exec Dt: 05/16/2003

RAUSCHENBERGER, VOLKER

Exec Dt: 05/26/2003

ROSENDORFER, PHILIPP

Exec Dt: 05/26/2003

WULFF-DORING, JOACHIM

Exec Dt: 05/16/2003

SCHWEIER, GUNTHER

Exec Dt: 06/25/2003

LUX, MARTIN

Exec Dt: 06/05/2003

BAUER, PETER

Exec Dt: 06/13/2003

Assignee: BASELL POLYOLEFINE GMBH

BRUHLER STRASSE 60

50389 WESSELING, GERMANY

Correspondent: KEIL &amp; WEINKAUF

HERBERT B. KEIL

1350 CONNECTICUT AVE. NW

WASHINGTON, DC 20036

Search Results as of: 08/07/2006 11:30 AM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.  
Web interface last modified: July 26, 2006 v.1.10[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)